

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



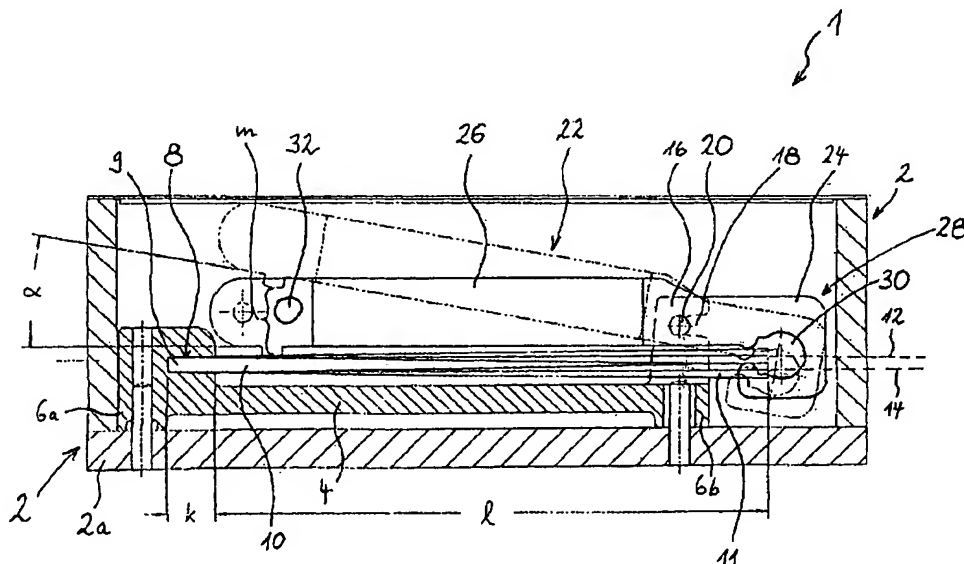
(43) International Publication Date
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number
WO 03/062898 A1

- (51) International Patent Classification⁷: G02B 26/02 (74) Agent: BARTH, Daniel; c/o Agilent Technologies Deutschland GmbH, Herrenbergerstr. 130, 71034 Boeblingen (DE).
- (21) International Application Number: PCT/EP02/00581
- (22) International Filing Date: 22 January 2002 (22.01.2002) (81) Designated States (*national*): JP, US.
- (25) Filing Language: English (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (26) Publication Language: English
- (71) Applicant (*for all designated States except US*): AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): EGGERT, Rainer [DE/DE]; Wolfacherweg 9, 71034 Boeblingen (DE). REICHERT, Wolfgang [DE/DE]; Oherer Wengertweg 33, 71134 Aidlingen (DE).
- Published:**
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PIEZO-ELECTRICALLY ACTUATED SHUTTER



(57) **Abstract:** The present invention relates to an apparatus for acting on an optical path, comprising an at least partly opaque lever, and a bearing fulcrum about which at least a part of the lever is slewable at least partly in and out of the optical path by the use of a piezo-electric force.

WO 03/062898 A1